



MK7559GSXP

2.5-inch SATA HDD

Key Advantages:

- 750GB of Storage Capacity
- 9.5-millimeter High Profile
- Serial ATA, revision 2.6
- 8MB Cache Buffer

Applications:

- Notebooks and small form factor PCs
- External storage
- Set-top boxes
- And more digital applications

Specifications:

Data Storage Capacity:	
Per drive, Formatted	750 GB
Number of Platters	2
Number of Heads	4
Bytes/ Sector	512
Rotational Speed (rpm)	5,400
Average Seek Time:	
Track-to-Track	2 msec
Average Seek Time	12
Interface:	
Type	SATA 2.6 / ATA- 8
Buffer (MB)	8
Data Transfer Rate:	Max.3Gbit/sec
Nominal Power Requirements:	
Voltage (V); Supply	+5V (5%)
Sleep (Watts)	0.15
Standby (Watts)	0.18
Read (Watts)	1.5
Write (Watts)	1.5
Start-up (Watts)	4.5

Physical & Environmental Specifications Dimensions –mm:	
Height	9.5
Width	69,85
Depth	100
Weight	102 g
Ambient Temperature °C :	
Operating	5°~55°
Non-Operating	-40°~60°
Vibration and Shock:	
Operating Vibration	1.0 G with 5-500Hz
Operating Shock	400 G 2 msec
Non-Operating	900 G 1msec
Acoustic Noise (Random Seek)	25 dBA
Reliability Characteristics:	
MTTF	600,000 hours

